



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/785,452  
Source: 77540  
Date Processed by STIC: 7/22/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

## RAW SEQUENCE LISTING

DATE: 07/22/2004

PATENT APPLICATION: US/10/785,452

TIME: 09:58:13

Input Set : D:\CFR sequence listing.txt  
 Output Set: N:\CRF4\07222004\J785452.raw

4 <110> APPLICANT: Tillet, D  
 5       Thomas, T  
 7 <120> TITLE OF INVENTION: A method of sequestering and/or purifying a polypeptide  
 W--> 0 <130> FILE REFERENCE:  
 9 <140> CURRENT APPLICATION NUMBER: 10/785,452  
 11 <141> CURRENT FILING DATE: 2004-02-25  
 13 <150> PRIOR APPLICATION NUMBER: (Australia) PCT/AU02/01159  
 W--> 14 Australia 2002322186-delete      *1 delete*  
 16 <151> PRIOR FILING DATE: 2002-08-27  
 18 <160> NUMBER OF SEQ ID NOS: 12

## ERRORED SEQUENCES

20 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 714  
 24 <212> TYPE: DNA  
 26 <213> ORGANISM: Aequorea victoria  
 E--> 28 <400> SEQUENCE: —P/S insert response-①  
 29 atg agt aaa gga gaa gaa ctt ttc act gga gtt gtc cca att ctt 45  
 30 Met Ser Lys Gly Glu Leu Phe Thr Gly Val Val Pro Ile Leu  
 31       5                   10                   15  
 33 gtt gaa tta gat ggc gat gtt aat ggg caa aaa ttc tct gtc agt 90  
 34 Val Glu Leu Asp Gly Asp Val Asn Gly Gln Lys Phe Ser Val Ser  
 35       20                   25                   30  
 37 gga gag ggt gaa ggt gat gca aca tac gga aaa ctt acc ctt aaa 135  
 38 Gly Glu Gly Glu Gly Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys  
 39       35                   40                   45  
 41 ttt att tgc act act ggg aag cta cct gtt cca tgg cca aca ctt 180  
 42 Phe Ile Cys Thr Thr Gly Lys Leu Pro Val Pro Trp Pro Thr Leu  
 43       50                   55                   60  
 45 gtc act act ttc gcg tat ggt ctt caa tgc ttt gcg aga tac cca 225  
 46 Val Thr Thr Phe Ala Tyr Gly Leu Gln Cys Phe Ala Arg Tyr Pro  
 47       65                   70                   75  
 49 gat cat atg aaa cag cat gac ttt ttc aag agt gcc atg ccc gaa 270  
 50 Asp His Met Lys Gln His Asp Phe Phe Lys Ser Ala Met Pro Glu  
 51       80                   85                   90  
 53 ggt tat gta cag gaa aga act ata ttt tac aaa gat gac ggg aac 315  
 54 Gly Tyr Val Gln Glu Arg Thr Ile Phe Tyr Lys Asp Asp Gly Asn  
 55       95                   100                  105  
 57 tac aag aca cgt gct gaa gtc aag ttt gaa ggt gat acc ctt gtt 360  
 58 Tyr Lys Thr Arg Ala Glu Val Lys Phe Glu Gly Asp Thr Leu Val  
 59       110                  115                  120

Does Not Comply  
 Corrected Diskette Needed  
 (pg. i-2, 4-11)

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/785,452

DATE: 07/22/2004  
TIME: 09:58:13

Input Set : D:\CFR sequence listing.txt  
Output Set: N:\CRF4\07222004\J785452.raw

```

61 aat aga atc gag tta aaa ggt att gat ttt aaa gaa gat gga aac 405
62 Asn Arg Ile Glu Leu Lys Gly Ile Asp Phe Lys Glu Asp Gly Asn
63 125 130 135
65 att ctt gga cac aaa atg gaa tac aac tat aac tca cat aat gta 450
66 Ile Leu Gly His Lys Met Glu Tyr Asn Tyr Asn Ser His Asn Val
67 140 145 150
69 tac atc atg gca gac aaa cca aag aat gga atc aaa gtt aac ttc 495
70 Tyr Ile Met Ala Asp Lys Pro Lys Asn Gly Ile Lys Val Asn Phe
71 155 160 165
73 aaa att aga cac aac att aaa gat gga agc gtt caa tta gca gac 540
74 Lys Ile Arg His Asn Ile Lys Asp Gly Ser Val Gln Leu Ala Asp
75 170 175 180
77 cat tat caa caa aat act cca att ggc gat ggc cct gtc ctt tta 585
78 His Tyr Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro Val Leu Leu
79 185 190 195
81 cca gac aac cat tac ctg tcc aca caa tct gcc ctt tcc aaa gat 630
82 Pro Asp Asn His Tyr Leu Ser Thr Gln Ser Ala Leu Ser Lys Asp
83 200 205 210
85 ccc aac gaa aag aga gat cac atg atc ctt ctt gag ttt gta aca 675
86 Pro Asn Glu Lys Arg Asp His Met Ile Leu Leu Glu Phe Val Thr
87 215 220 225
89 gct gct ggg att aca cat ggc atg gat gaa cta tac aaa 714
90 Ala Ala Gly Ile Thr His Gly Met Asp Glu Leu Tyr Lys
91 230 235 238
95 <210> SEQ ID NO: 2
97 <211> LENGTH: 1149
99 <212> TYPE: DNA
101 <213> ORGANISM: Escherichia coli
E--> 103 <400> SEQUENCE: -pls insert Response -2
104 atg ttt gaa cca atg gaa ctt acc aat gac gcg gtg att aaa gtc 45
105 Met Phe Glu Pro Met Glu Leu Thr Asn Asp Ala Val Ile Lys Val
106 1 5 10 15
108 atc ggc gtc ggc ggc ggc ggt aat gct gtt gaa cac atg gtg 90
109 Ile Gly Val Gly Gly Gly Gly Asn Ala Val Glu His Met Val
110 20 25 30
112 cgc gag cgc att gaa ggt gtt gaa ttc ttc gcg gta aat acc gat 135
113 Arg Glu Arg Ile Glu Gly Val Glu Phe Phe Ala Val Asn Thr Asp
114 35 40 45
116 gca caa gcg ctg cgt aaa aca gcg gtt gga cag acg att caa atc 180
117 Ala Gln Ala Leu Arg Lys Thr Ala Val Gly Gln Thr Ile Gln Ile
118 50 55 60
120 ggt agc ggt atc acc aaa gga ctg ggc gct ggc gct aat cca gaa 225
121 Gly Ser Gly Ile Thr Lys Gly Leu Gly Ala Gly Ala Asn Pro Glu
122 65 70 75
124 gtt ggc cgc aat gcg gct gat gag gat cgc gat gca ttg cgt gcg 270
125 Val Gly Arg Asn Ala Ala Asp Glu Asp Arg Asp Ala Leu Arg Ala
126 80 85 90
128 gcg ctg gaa ggt gca gac atg gtc ttt att gct gcg ggt atg ggt 315
129 Ala Leu Glu Gly Ala Asp Met Val Phe Ile Ala Ala Gly Met Gly

```

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/785,452

DATE: 07/22/2004  
TIME: 09:58:13

Input Set : D:\CFR sequence listing.txt  
Output Set: N:\CRF4\07222004\J785452.raw

130	95	100	105
132	ggt ggt acc ggt aca ggt gcg gca cca gtc gtc gct gaa gtg gca	360	
133	Gly Gly Thr Gly Thr Gly Ala Ala Pro Val Val Ala Glu Val Ala		
134	110	115	120
136	aaa gat ttg ggt atc ctg acc gtt gct gtc gtc act aag cct ttc	405	
137	Lys Asp Leu Gly Ile Leu Thr Val Ala Val Val Thr Lys Pro Phe		
138	125	130	135
142	aac ttt gaa ggc aag aag cgt atg gca ttc gcg gag cag ggg atc	450	
143	Asn Phe Glu Gly Lys Lys Arg Met Ala Phe Ala Glu Gln Gly Ile		
144	140	145	150
146	act gaa ctg tcc aag cat gtg aac tct ctg atc act atc ccg aac	495	
147	Thr Glu Leu Ser Lys His Val Asn Ser Leu Ile Thr Ile Pro Asn		
148	155	160	165
150	gac aaa ctg ctg aaa gtt ctg ggc cgc ggt atc tcc ctg ctg gat	540	
151	Asp Lys Leu Leu Lys Val Leu Gly Arg Gly Ile Ser Leu Leu Asp		
152	170	175	180
154	gcg ttt ggc gca gcg aac gat gta ctg aaa ggc gct gtg caa ggt	585	
155	Ala Phe Gly Ala Ala Asn Asp Val Leu Lys Gly Ala Val Gln Gly		
156	185	190	195
158	atc gct gaa ctg att act cgt ccg ggt ttg atg aac gtg gac ttt	630	
159	Ile Ala Glu Leu Ile Thr Arg Pro Gly Leu Met Asn Val Asp Phe		
160	200	205	210
162	gca gac gta cgc acc gta atg tct gag atg ggc cac gca atg atg	675	
163	Ala Asp Val Arg Thr Val Met Ser Glu Met Gly His Ala Met Met		
164	215	220	225
166	ggt tct ggc gtg gcg agc ggt gaa gac cgt gcg gaa gaa gct gct	720	
167	Gly Ser Gly Val Ala Ser Gly Glu Asp Arg Ala Glu Glu Ala Ala		
168	230	235	240
170	gaa atg gct atc tct tct ccg ctg ctg gaa gat atc gac ctg tct	765	
171	Glu Met Ala Ile Ser Ser Pro Leu Leu Glu Asp Ile Asp Leu Ser		
172	245	250	255
174	ggc gcg cgc ggc gtg ctg gtt aac atc acg gcg ggc ttc gac ctg	810	
175	Gly Ala Arg Gly Val Leu Val Asn Ile Thr Ala Gly Phe Asp Leu		
176	260	265	270
178	cgt ctg gat gag ttc gaa acg gta ggt aac acc atc cgt gca ttt	855	
179	Arg Leu Asp Glu Phe Glu Thr Val Gly Asn Thr Ile Arg Ala Phe		
180	275	280	285
182	gct tcc gac aac gcg act gtg gtt atc ggt act tct ctt gac ccg	900	
183	Ala Ser Asp Asn Ala Thr Val Val Ile Gly Thr Ser Leu Asp Pro		
184	290	295	300
186	gat atg aat gac gag ctg cgc gta acc gtt gtt gcg aca ggt atc	945	
187	Asp Met Asn Asp Glu Leu Arg Val Thr Val Val Ala Thr Gly Ile		
188	305	310	315
190	ggc atg gac aaa cgt cct gaa atc act ctg gtg acc aat aag cag	990	
191	Gly Met Asp Lys Arg Pro Glu Ile Thr Leu Val Thr Asn Lys Gln		
192	320	325	330
194	gtt cag cag cca gtg atg gat cgc tac cag cag cat ggg atg gct	1035	
195	Val Gln Gln Pro Val Met Asp Arg Tyr Gln Gln His Gly Met Ala		
196	335	340	345

AMINO ACIDS  
NUCLEOTIDES. For ex: caa gct gat  
= Gln Ala Asp

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/785,452

DATE: 07/22/2004

TIME: 09:58:13

Input Set : D:\CFR sequence listing.txt  
Output Set: N:\CRF4\07222004\J785452.raw

PLACE OVER  
P/S

198 ccg ctg acc caa gag cag aag ccg gtt gct aaa gtc gtg aat gac 1080  
 199 Pro Leu Thr Gln Glu Gln Lys Pro Val Ala Lys Val Val Asn Asp  
 200 350 355 360  
 202 aat gcg ccg caa act gcg aaa gag ccg gat tat ctg gat atc cca 1125  
 203 Asn Ala Pro Gln Thr Ala Lys Glu Pro Asp Tyr Leu Asp Ile Pro  
 204 365 370 375

E--> 206 gca ttc ctg cgt aag **1149** **Ala Asp** SPACE OVER 1149  
 W--> 207 Ala Phe Leu Arg Lys **CAA GCT GAT**

208 380 383  
 212 <210> SEQ ID NO **3**  
 214 <211> LENGTH: 546  
 216 <212> TYPE: DNA  
 218 <213> ORGANISM: Human rhinovirus

E--> 220 <400> SEQUENCE:- PLS insert response **3**  
 221 gga cca aac aca gaa ttt gca cta tcc ctg tta agg aaa aac ata 45  
 222 Gly Pro Asn Thr Glu Phe Ala Leu Ser Leu Leu Arg Lys Asn Ile  
 223 1 5 10 15  
 225 atg act ata aca acc tca aag gga gag ttc aca ggg tta ggc ata 90  
 226 Met Thr Ile Thr Thr Ser Lys Gly Glu Phe Thr Gly Leu Gly Ile  
 227 20 25 30  
 229 cat gat cgt gtc tgt gtg ata ccc aca cac gca cag cct ggt gat 135  
 230 His Asp Arg Val Cys Val Ile Pro Thr His Ala Gln Pro Gly Asp  
 231 35 40 45  
 233 gat gta cta gtg aat ggt cag aaa att aga gtt aag gat aag tac 180  
 234 Asp Val Leu Val Asn Gly Gln Lys Ile Arg Val Lys Asp Lys Tyr  
 235 50 55 60  
 237 aaa tta gta gat cca gag aac att aat cta gag ctt aca gtg ttg 225  
 238 Lys Leu Val Asp Pro Glu Asn Ile Asn Leu Glu Leu Thr Val Leu  
 239 65 70 75  
 241 act tta gat aga aat gaa aaa ttc aga gat atc agg gga ttt ata 270  
 242 Thr Leu Asp Arg Asn Glu Lys Phe Arg Asp Ile Arg Gly Phe Ile  
 243 80 85 90  
 245 tca gaa gat cta gaa ggt gtg gat gcc act ttg gta gta cat tca 315  
 246 Ser Glu Asp Leu Glu Gly Val Asp Ala Thr Leu Val Val His Ser  
 247 95 100 105  
 249 aat aac ttt acc aac act atc tta gaa gtt ggc cct gta aca atg 360  
 250 Asn Asn Phe Thr Asn Thr Ile Leu Glu Val Gly Pro Val Thr Met  
 251 110 115 120  
 253 gca gga ctt att aat ttg agt agc acc ccc act aac aga atg att 405  
 254 Ala Gly Leu Ile Asn Leu Ser Ser Thr Pro Thr Asn Arg Met Ile  
 255 125 130 135  
 259 cgt tat gat tat gca aca aaa act ggg cag tgt gga ggt gtg ctg 450  
 260 Arg Tyr Asp Tyr Ala Thr Lys Thr Gly Gln Cys Gly Gly Val Leu  
 261 140 145 150  
 263 tgt gct act ggt aag atc ttt ggt att cat gtt ggc ggt aat gga 495  
 264 Cys Ala Thr Gly Lys Ile Phe Gly Ile His Val Gly Gly Asn Gly  
 265 155 160 165  
 267 aga caa gga ttt tca gct caa ctt aaa aaa caa tat ttt gta gag 540  
 268 Arg Gln Gly Phe Ser Ala Gln Leu Lys Gln Tyr Phe Val Glu

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/785,452

DATE: 07/22/2004  
TIME: 09:58:13

Input Set : D:\CFR sequence listing.txt  
Output Set: N:\CRF4\07222004\J785452.raw

269 271 aaa caa 546 170 175 Space over 180  
C--> 271 Lys Gln 271 546 → 546

272 273 182  
277 <210> SEQ ID NO: 4  
279 <211> LENGTH: 27

281 <212> TYPE: DNA  
C--> 283 <213> ORGANISM: artificial sequence

W--> 285 <220> FEATURE:

W--> 285 <223> OTHER INFORMATION:

E--> 285 <400> SEQUENCE: 4

artificial

287 atcatgagta aaggagaaga acttttc 27

291 <210> SEQ ID NO: 5

293 <211> LENGTH: 29

295 <212> TYPE: DNA

C--> 297 <213> ORGANISM: artificial sequence

W--> 299 <220> FEATURE:

W--> 299 <223> OTHER INFORMATION:

E--> 299 <400> SEQUENCE: 5

artificial

300 aggatcctta tttgtatagt tcatccatg 29

304 <210> SEQ ID NO: 6

306 <211> LENGTH: 24

308 <212> TYPE: DNA

C--> 310 <213> ORGANISM: artificial sequence

W--> 312 <220> FEATURE:

W--> 312 <223> OTHER INFORMATION:

E--> 312 <400> SEQUENCE: 6

Same error

313 ggcataatgtt tgaaccaatg gaac 24

317 <210> SEQ ID NO: 7

319 <211> LENGTH: 27

321 <212> TYPE: DNA

C--> 323 <213> ORGANISM: artificial sequence

W--> 325 <220> FEATURE:

W--> 325 <223> OTHER INFORMATION:

E--> 325 <400> SEQUENCE: 7

Same error

326 gtccatgggc ccttggaaata gtacttc 27

330 <210> SEQ ID NO: 8

332 <211> LENGTH: 43

334 <212> TYPE: DNA

C--> 336 <213> ORGANISM: artificial sequence

W--> 338 <220> FEATURE:

W--> 338 <223> OTHER INFORMATION:

E--> 338 <400> SEQUENCE: 8

Same error

339 gggcccttga aatagtactt cttagatcgc ttgtttacgc agg 43

343 <210> SEQ ID NO: 9

345 <211> LENGTH: 27

347 <212> TYPE: DNA

C--> 349 <213> ORGANISM: artificial sequence

W--> 351 <220> FEATURE:

Same error

mandatory, if <213>  
is artificial/unknown  
please explain in  
section <220> -  
↓ <223>

The type of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

① PLS see error explanation on  
PAGE 7.

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/785,452

DATE: 07/22/2004

TIME: 09:58:13

Input Set : D:\CFR sequence listing.txt  
 Output Set: N:\CRF4\07222004\J785452.raw

W--&gt; 351 &lt;223&gt; OTHER INFORMATION:

E--> 351 <400> SEQUENCE: 9 *pls insert*

352 cgccatggga ccaaacacag aatttgc 27

356 &lt;210&gt; SEQ ID NO: 10

358 &lt;211&gt; LENGTH: 32

360 &lt;212&gt; TYPE: DNA

C--> 362 <213> ORGANISM: *artificial sequence*

W--&gt; 364 &lt;220&gt; FEATURE:

W--&gt; 364 &lt;223&gt; OTHER INFORMATION:

E--> 364 <400> SEQUENCE: 10 *pls insert*

365 gcgatccct atttttc tacaaaat tg 32

369 &lt;210&gt; SEQ ID NO: 11

371 &lt;211&gt; LENGTH: 24

373 &lt;212&gt; TYPE: DNA

C--> 375 <213> ORGANISM: *artificial sequence*

W--&gt; 377 &lt;220&gt; FEATURE:

W--&gt; 377 &lt;223&gt; OTHER INFORMATION:

E--> 377 <400> SEQUENCE: 11 *pls insert*

378 ggcataatgtt tgaaccaatg gaac 24

382 &lt;210&gt; SEQ ID NO: 12

384 &lt;211&gt; LENGTH: 25

386 &lt;212&gt; TYPE: DNA

C--> 388 <213> ORGANISM: *artificial sequence*

W--&gt; 390 &lt;220&gt; FEATURE:

W--&gt; 390 &lt;223&gt; OTHER INFORMATION:

E--> 390 <400> SEQUENCE: 12 *pls insert*

391 cgccatggca gcttgcttac gcagg 25

The type of errors shown exist throughout  
 the Sequence Listing. Please check subsequent  
 sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 07/22/2004  
PATENT APPLICATION: US/10/785,452                   TIME: 09:58:14

Input Set : D:\CFR sequence listing.txt  
Output Set: N:\CRF4\07222004\J785452.raw

Use of <220> Feature(NEW RULES):

*Error Explanation: 2*

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)  
(Sec.1.823 of new Rules)

Seq#:4,5,6,7,8,9,10,11,12

VARIABLE LOCATION SUMMARY  
PATENT APPLICATION: US/10/785,452

DATE: 07/22/2004  
TIME: 09:58:14

Input Set : D:\CFR sequence listing.txt  
Output Set: N:\CRF4\07222004\J785452.raw

Use of n's or Xaa's(NEW RULES): Error explanation: ↗

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:2; N Pos. 1142

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/785,452

DATE: 07/22/2004

TIME: 09:58:14

Input Set : D:\CFR sequence listing.txt  
 Output Set: N:\CRF4\07222004\J785452.raw

L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE  
 L:14 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER:  
 L:28 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:1 differs:0 ✓  
 L:103 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:2 differs:0 ✓  
 L:206 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:0 ✓  
 L:206 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:3 ✓  
 L:207 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:3 ✓  
 L:220 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:3 differs:0 ✓  
 L:271 M:112 C: (48) String data converted to lower case, ✓  
 L:283 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4 ✓  
 L:285 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence ✓  
 L:285 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:285 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:4 differs:0 ✓  
 L:285 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:285 ✓  
 L:297 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5 ✓  
 L:299 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence ✓  
 L:299 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:299 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:5 differs:0  
 L:299 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:299 ✓  
 L:310 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6 ✓  
 L:312 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:312 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:312 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:6 differs:0  
 L:312 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:312 ✓  
 L:323 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7 ✓  
 L:325 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:325 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:325 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:7 differs:0  
 L:325 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:325 ✓  
 L:336 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8 ✓  
 L:338 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:338 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:338 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:8 differs:0  
 L:338 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:338 ✓  
 L:349 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9 ✓  
 L:351 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:351 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>  
 ORGANISM:Artificial Sequence  
 L:351 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:9 differs:0  
 L:351 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:351 ✓  
 L:362 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10 ✓  
 L:364 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>

ORGANISM:Artificial Sequence

L:364 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>

ORGANISM:Artificial Sequence

L:364 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:10 differs:0

L:364 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10, Line#:364

L:375 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11

L:377 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>

ORGANISM:Artificial Sequence

L:377 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>

ORGANISM:Artificial Sequence

L:377 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:11 differs:0

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/785,452

DATE: 07/22/2004

TIME: 09:58:14

Input Set : D:\CFR sequence listing.txt  
Output Set: N:\CRF4\07222004\J785452.raw

L:377 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:11, Line#:377 ✓  
L:388 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:390 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:0, <213>  
ORGANISM:Artificial Sequence  
L:390 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:0, <213>  
ORGANISM:Artificial Sequence  
L:390 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:12 differs:0 ✓  
L:390 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12, Line#:390